

Koch, Kristine

From: John Toll <JohnT@windwardenv.com>
Sent: Thursday, February 18, 2016 4:16 PM
To: Koch, Kristine
Cc: Bob Wyatt; Jen Mott; Patty Dost
Subject: RE: response to EPA's February 5 request
Attachments: BSAR_screen_to_EPA.xlsx

Hi Kristine. On February 10 EPA requested that the LWG provide files pertaining to BSAR model screening and outlier diagnostics. I am responding on behalf of the LWG.

Our response to that request is attached. The Excel file contains a worksheet for each species for which BSAR models were developed. Each row represents a different chemical. The worksheets provide regression statistics (slope, intercept, r-square, p-value for the slope) in columns D:G (linear model), H:K (log-linear model) and L:O (log-log model). The outlier statistic for the three models are provided in columns P:R and goodness-of-fit statistics in columns S-U. Model appropriateness evaluations are presented in columns V:X (linear), Y:AA (log-linear) and AB:AD (log-log). Notes on visual inspections are contained in column AE. Model selected is identified in column AF. Notes on the rationale for model selection are in column AG, and notes on BSAR use in the bioaccumulation modeling report are presented in Column AH.

Please let me know if you need any other information.

John

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From: Koch, Kristine [mailto:Koch.Kristine@epa.gov]
Sent: Monday, February 15, 2016 9:32 AM
To: John Toll
Cc: Bob Wyatt; Jen Mott; Patty Dost
Subject: RE: response to EPA's February 5 request

Thanks John. Will let you know if we have any further questions.

Kristine Koch
Remedial Project Manager
USEPA, Office of Environmental Cleanup

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From: John Toll [<mailto:JohnT@windwardenv.com>]

Sent: Friday, February 12, 2016 5:40 PM

To: Koch, Kristine <Koch.Kristine@epa.gov>

Cc: Bob Wyatt <rjw@nwnatural.com>; Jen Mott <jmott@anchorgea.com>; Patty Dost <pdost@pearllegalgroup.com>

Subject: response to EPA's February 5 request

Hi Kristine. On February 5 EPA requested that the LWG provide a clear explanation of the basis for the correction factor used for log-log BSAR models, what specifically it is "correcting" for, as well as the derivation of each correction factor presented in Section 4 of the March 2009 and June 2015 versions of the Bioaccumulation Modeling Report. I am responding on behalf of the LWG.

Our response to this request is attached as three files. The PDF contains the explanation requested by EPA. The text file is the code for deriving the correction factors. The Excel file contains the input data for the correction factor code. Please let me know if you need any other information. We'd be happy to walk through the use of the correction factor code if that would be helpful.

EPA made a second request on Wednesday, February 10, for files pertaining to BSAR model screening and outlier diagnostics. The response to that request is not yet complete. We hope to be finished with it early next week.

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